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NOTICE OF ALLOWANCE AND FEE(S) DUE

24197

7590

03/12/2007

KLARQUIST SPARKMAN, LLP 121 SW SALMON STREET SUITE 1600 PORTLAND, OR 97204

EXA	AMINER
LANGE	L, WAYNE A
ART UNIT	PAPER NUMBER
1754	

DATE MAILED: 03/12/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/591.277	06/09/2000	Bowie G. Keefer	145402	3353

TITLE OF INVENTION: CHEMICAL REACTOR WITH PRESSURE SWING ADSORPTION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonnrovisional	YES	\$700	\$0	. \$0	\$700°	06/12/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents
P.O. Box 1450
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appropriate All further	correspondence includir d below or directed oth	o the Pater	it advance or	ders and notification	of m	aintenance fees w	rill be i	nailed to the current	ould be completed where correspondence address as ate "FEE ADDRESS" for
CURRENT CORRESPONDE	NCE ADDRESS (Note: Use BI	ock 1 for any ch	nange of address)		Fee(s	s) Transmittal. Thi rs. Each additional	s certif I paper	can only be used for cate cannot be used for such as an assignment ling or transmission.	domestic mailings of the r any other accompanying t or formal drawing, must
121 SW SALMO SUITE 1600						Cert	tificate	of Mailing or Transn	nission deposited with the United class mail in an envelope above, or being facsimile te indicated below.
PORTLAND, OI	R 97204								(Depositor's name)
									. (Signature)
					L				(Date)
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nonprovisional	YES	\$	700	\$0		\$0		\$700	06/12/2007
EXAM	INER	ART	UNIT	CLASS-SUBCLAS	s				
LANGEL, V	WAYNE A	1	754	423-651000					
"Fee Address" indi PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME All PLEASE NOTE: Unli	ess an assignee is ident	" Indication led. Use of a A TO BE PF	form a Customer RINTED ON T	or agents OR, alte (2) the name of a registered attorned attorned 2 registered patent listed, no name with the PATENT (print data will appear on the part of the	single y or a t attor ill be p or typ	e firm (having as a gent) and the nam neys or agents. If printed. e)	memb es of u no nam	er a 2 o to e is 3	cument has been filed for
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interest as shown by the r	ecords of the United Sta	tes Patent a	nd Trademark	Office.	nan tr	ne applicant; a regi	sterea a	ittorney or agent; or th	e assignee or other party in
Authorized Signature	111					Date			
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This collection of informan application. Confident submitting the completed this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 Ciality is governed by 35 application form to the ons for reducing this building 22313-1450. DC 13-1450.	CFR 1.311. 7 U.S.C. 122 USPTO. T rden, should NOT SEN	The information and 37 CFR ime will vary be sent to the D FEES OR (on is required to obtain 1.14. This collection depending upon the Chief Information COMPLETED FORM	n or re is esti indivi Office 4S TC	etain a benefit by the imated to take 12 ridual case. Any cour, U.S. Patent and DTHIS ADDRESS	he publ minutes mment Traden S. SENI	ic which is to file (and to complete, including s on the amount of tin ark Office, U.S. Depa of TO: Commissioner f	by the USPTO to process) gathering, preparing, and the you require to complete rtment of Commerce, P.O. or Patents, P.O. Box 1450,

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SUITE 1600 PORTLAND, C	R 97204		1754 DATE MAILED: 03/12/2007			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 969 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 969 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.